

Table J1b. - Physical Properties of the Soils

Braxton County, West Virginia

Entries under "Erosion Factors--T" apply to the entire profile. Entries under "Wind Erodibility Group" and "Wind Erodibility Index" apply only to the surface layer. Absence of an entry indicates that data were not estimated.

Map Symbol bilty and Soil Name bilty	Depth Index	Sand	Silt	Clay	Moist Group Bulk	Permeability Erodi-	Available bilty Water	Water Index Extensi-	Linear	Erosion Factors Extensi-Organic			Wind KwKf	Wind TErodi-
					Density	(Ksat)	Capacity	bilty Pct	Matter	Kw	Kf	T	bilty	bilty
	In	Pct	Pct	Pct	g/cc	In/Hr	In/In		Pct					
2: Pope	0-5	43-85	0-50	5-15	1.20-1.40	2-6	0.10-0.16	0.0-2.9	1.0-4.0	.28	---	5	---	---
	5-40	---	---	5-18	1.30-1.60	0.6-6	0.10-0.18	0.0-2.9	---	.28	---			
	40-65	---	---	5-20	1.30-1.60	0.6-6	0.10-0.18	0.0-2.9	---	.28	---			
Holly	---	---	---	---	---	---	---	---	---	---	---	---	---	---
3: Lobdell	0-8	10-40	55-78	15-27	1.20-1.40	0.6-2	0.20-0.24	0.0-2.9	1.0-3.0	.37	---	5	5	---
	8-32	---	---	18-30	1.25-1.60	0.6-2	0.17-0.22	0.0-2.9	---	.37	---			
	32-65	---	---	15-30	1.20-1.60	0.6-6	0.12-0.18	0.0-2.9	---	.37	---			
Holly	---	---	---	---	---	---	---	---	---	---	---	---	---	---
4: Lobdell	0-8	10-40	55-78	15-27	1.20-1.40	0.6-2	0.20-0.24	0.0-2.9	1.0-3.0	.37	---	5	5	---
	8-32	---	---	18-30	1.25-1.60	0.6-2	0.17-0.22	0.0-2.9	---	.37	---			
	32-65	---	---	15-30	1.20-1.60	0.6-6	0.12-0.18	0.0-2.9	---	.37	---			
Holly	---	---	---	---	---	---	---	---	---	---	---	---	---	---
5: Chagrin	0-8	10-40	55-78	10-27	1.20-1.40	0.6-2	0.20-0.24	0.0-2.9	2.0-4.0	.32	---	5	5	---
	8-35	---	---	18-30	1.20-1.50	0.6-2	0.14-0.20	0.0-2.9	---	.32	---			
	35-65	---	---	5-25	1.20-1.40	0.6-2	0.08-0.20	0.0-2.9	---	.32	---			
Holly	---	---	---	---	---	---	---	---	---	---	---	---	---	---
6:														

Table J1b. - Physical Properties of the Soils - Continued

Braxton County, West Virginia

Map Symbol bilty and Soil Name bilty	Depth Index	Sand	Silt	Clay	Moist Group Bulk	Permeability Erodi-	Available bilty Water	Water Index Extensi-	Linear	Erosion Factors			Wind KwKf	Wind TErodi-
					Density	(Ksat)	Capacity	bilty Pct	Matter	Kw	Kf	T	bilty	Group
										Kw	Kf	T	bilty	bilty
	In	Pct	Pct	Pct	g/cc	In/Hr	In/In		Pct					
6: Lobdell	0-8	10-40	55-78	15-27	1.20-1.40	0.6-2	0.20-0.24	0.0-2.9	1.0-3.0	.37	---	5	5	---
	8-32	---	---	18-30	1.25-1.60	0.6-2	0.17-0.22	0.0-2.9	---	.37	---			
	32-65	---	---	15-30	1.20-1.60	0.6-6	0.12-0.18	0.0-2.9	---	.37	---			
Holly	---	---	---	---	---	---	---	---	---	---	---	---	---	---
7: Pope	0-5	43-85	0-50	5-15	1.20-1.40	2-6	0.10-0.16	0.0-2.9	1.0-4.0	.28	---	5	---	---
	5-40	---	---	5-18	1.30-1.60	0.6-6	0.10-0.18	0.0-2.9	---	.28	---			
	40-65	---	---	5-20	1.30-1.60	0.6-6	0.10-0.18	0.0-2.9	---	.28	---			
Holly	---	---	---	---	---	---	---	---	---	---	---	---	---	---
8: Chavies	0-12	55-80	5-45	7-18	1.20-1.40	2-6	0.11-0.18	0.0-2.9	0.5-4.0	.24	---	4	3	---
	12-36	---	---	7-18	1.20-1.40	2-6	0.11-0.20	0.0-2.9	---	.24	---			
	36-65	---	---	7-18	1.30-1.50	2-6	0.08-0.18	0.0-2.9	---	.24	---			
09: Chavies	0-12	55-80	5-45	7-18	1.20-1.40	2-6	0.11-0.18	0.0-2.9	0.5-4.0	.24	---	4	3	---
	12-36	---	---	7-18	1.20-1.40	2-6	0.11-0.20	0.0-2.9	---	.24	---			
	36-65	---	---	7-18	1.30-1.50	2-6	0.08-0.18	0.0-2.9	---	.24	---			
9: Chavies	0-12	55-80	5-45	7-18	1.20-1.40	2-6	0.11-0.18	0.0-2.9	0.5-4.0	.24	---	4	3	---
	12-36	---	---	7-18	1.20-1.40	2-6	0.11-0.20	0.0-2.9	---	.24	---			
	36-65	---	---	7-18	1.30-1.50	2-6	0.08-0.18	0.0-2.9	---	.24	---			
9A: Chavies	0-12	55-80	5-45	7-18	1.20-1.40	2-6	0.11-0.18	0.0-2.9	0.5-4.0	.24	---	4	3	---
	12-36	---	---	7-18	1.20-1.40	2-6	0.11-0.20	0.0-2.9	---	.24	---			
	36-65	---	---	7-18	1.30-1.50	2-6	0.08-0.18	0.0-2.9	---	.24	---			

Table J1b. - Physical Properties of the Soils - Continued

Braxton County, West Virginia

Map Symbol bility and Soil Name bility	Depth Index	Sand	Silt	Clay	Moist Group Bulk	Permeability Erodi-	Available bility Water	Water Index Extensi-	Linear	Erosion Factors			Wind KwKf	Wind TErodi-
					Density	(Ksat)	Capacity	bility Pct	Matter	Kw	Kf	T	bility	Group
										Kw	Kf	T	bility	bility
	In	Pct	Pct	Pct	g/cc	In/Hr	In/In		Pct					
9B: Chavies	0-12	55-80	5-45	7-18	1.20-1.40	2-6	0.11-0.18	0.0-2.9	0.5-4.0	.24	---	4	3	---
	12-36	---	---	7-18	1.20-1.40	2-6	0.11-0.20	0.0-2.9	---	.24	---			
	36-65	---	---	7-18	1.30-1.50	2-6	0.08-0.18	0.0-2.9	---	.24	---			
10B: Allegheny	0-7	25-50	30-48	15-27	1.20-1.40	0.6-2	0.12-0.22	0.0-2.9	1.0-4.0	.32	---	4	---	---
	7-43	---	---	18-35	1.20-1.50	0.6-2	0.13-0.18	0.0-2.9	---	.28	---			
	43-65	---	---	10-35	1.20-1.40	0.6-2	0.08-0.17	0.0-2.9	---	.28	---			
10C: Allegheny	0-7	25-50	30-48	15-27	1.20-1.40	0.6-2	0.12-0.22	0.0-2.9	1.0-4.0	.32	---	4	---	---
	7-43	---	---	18-35	1.20-1.50	0.6-2	0.13-0.18	0.0-2.9	---	.28	---			
	43-65	---	---	10-35	1.20-1.40	0.6-2	0.08-0.17	0.0-2.9	---	.28	---			
11: Craigs ville	0-6	55-80	5-45	5-15	1.20-1.40	2-20	0.07-0.15	0.0-2.9	1.0-5.0	.17	---	3	---	---
	6-35	---	---	5-15	1.30-1.60	2-20	0.06-0.15	0.0-2.9	---	.17	---			
	35-65	---	---	5-10	1.35-1.55	6-20	0.04-0.09	0.0-2.9	---	.17	---			
12B: Monongahela	0-10	10-40	55-78	10-27	1.20-1.40	0.6-2	0.18-0.24	0.0-2.9	2.0-4.0	.43	---	3	5	---
	10-24	---	---	18-35	1.30-1.50	0.6-2	0.14-0.18	0.0-2.9	---	.43	---			
	24-58	---	---	18-35	1.30-1.60	0.06-0.6	0.08-0.12	0.0-2.9	---	.43	---			
	58-65	---	---	10-35	1.20-1.40	0.2-0.6	0.08-0.12	0.0-2.9	---	.37	---			
12C: Monongahela	0-10	10-40	55-78	10-27	1.20-1.40	0.6-2	0.18-0.24	0.0-2.9	2.0-4.0	.43	---	3	5	---
	10-24	---	---	18-35	1.30-1.50	0.6-2	0.14-0.18	0.0-2.9	---	.43	---			
	24-58	---	---	18-35	1.30-1.60	0.06-0.6	0.08-0.12	0.0-2.9	---	.43	---			
	58-65	---	---	10-35	1.20-1.40	0.2-0.6	0.08-0.12	0.0-2.9	---	.37	---			
16B:														

Table J1b. - Physical Properties of the Soils - Continued

Braxton County, West Virginia

Map Symbol bilty and Soil Name bilty	Depth Index	Sand	Silt	Clay	Moist Group Bulk	Permeability Erodi-	Available bilty Water	Water Index Extensi-	Linear	Erosion Factors			Wind KwKf	Wind TErodi-
					Density	(Ksat)	Capacity	bilty Pct	Matter	Kw	Kf	T	bilty	Group
										Kw	Kf	T	bilty	bilty
	In	Pct	Pct	Pct	g/cc	In/Hr	In/In		Pct					
16B: Vandalia	0-6	0-50	50-83	20-35	1.20-1.50	0.2-2	0.12-0.18	3.0-5.9	1.0-3.0	.37	---	4	6	---
	6-52	---	---	35-50	1.30-1.60	0.06-0.6	0.12-0.15	6.0-8.9	---	.32	---			
	52-65	---	---	27-50	1.30-1.60	0.06-0.6	0.08-0.12	6.0-8.9	---	.32	---			
16C: Vandalia	0-6	0-50	50-83	20-35	1.20-1.50	0.2-2	0.12-0.18	3.0-5.9	1.0-3.0	.37	---	4	6	---
	6-52	---	---	35-50	1.30-1.60	0.06-0.6	0.12-0.15	6.0-8.9	---	.32	---			
	52-65	---	---	27-50	1.30-1.60	0.06-0.6	0.08-0.12	6.0-8.9	---	.32	---			
16D: Vandalia	0-6	0-50	50-83	20-35	1.20-1.50	0.2-2	0.12-0.18	3.0-5.9	1.0-3.0	.37	---	4	6	---
	6-52	---	---	35-50	1.30-1.60	0.06-0.6	0.12-0.15	6.0-8.9	---	.32	---			
	52-65	---	---	27-50	1.30-1.60	0.06-0.6	0.08-0.12	6.0-8.9	---	.32	---			
16E: Vandalia	0-6	0-50	50-83	20-35	1.20-1.50	0.2-2	0.12-0.18	3.0-5.9	1.0-3.0	.37	---	4	6	---
	6-52	---	---	35-50	1.30-1.60	0.06-0.6	0.12-0.15	6.0-8.9	---	.32	---			
	52-65	---	---	27-50	1.30-1.60	0.06-0.6	0.08-0.12	6.0-8.9	---	.32	---			
17C: Vandalia	0-6	0-50	50-83	20-35	1.20-1.50	0.2-2	0.12-0.18	3.0-5.9	---	.32	---	4	---	---
	6-52	---	---	35-50	1.30-1.60	0.06-0.6	0.12-0.15	6.0-8.9	---	.32	---			
	52-65	---	---	27-50	1.30-1.60	0.06-0.6	0.08-0.12	6.0-8.9	---	.32	---			
17D: Vandalia	0-6	0-50	50-83	20-35	1.20-1.50	0.2-2	0.12-0.18	3.0-5.9	---	.32	---	4	---	---
	6-52	---	---	35-50	1.30-1.60	0.06-0.6	0.12-0.15	6.0-8.9	---	.32	---			
	52-65	---	---	27-50	1.30-1.60	0.06-0.6	0.08-0.12	6.0-8.9	---	.32	---			
17E: Vandalia	0-6	0-50	50-83	20-35	1.20-1.50	0.2-2	0.12-0.18	3.0-5.9	---	.32	---	4	---	---
	6-52	---	---	35-50	1.30-1.60	0.06-0.6	0.12-0.15	6.0-8.9	---	.32	---			
	52-65	---	---	27-50	1.30-1.60	0.06-0.6	0.08-0.12	6.0-8.9	---	.32	---			

Table J1b. - Physical Properties of the Soils - Continued

Braxton County, West Virginia

Map Symbol bility and Soil Name bility	Depth Index	Sand	Silt	Clay	Moist Group Bulk	Permeability Erodi-	Available bility Water	Water Index Extensi-	Linear	Erosion Factors			Wind KwKf	Wind TErodi-
					Density	(Ksat)	Capacity	bility Pct	Matter	Kw	Kf	T	bility	Group
										Kw	Kf	T	bility	bility
	In	Pct	Pct	Pct	g/cc	In/Hr	In/In		Pct					
17E:														
19C:														
Gilpin	0-3	10-40	55-78	15-27	1.20-1.40	0.6-2	0.12-0.18	0.0-2.9	0.5-4.0	.32	---	3	---	---
	3-24	---	---	18-35	1.20-1.50	0.6-2	0.12-0.16	0.0-2.9	---	.24	---			
	24-31	---	---	15-35	1.20-1.50	0.6-2	0.08-0.12	0.0-2.9	---	.24	---			
	31-35	---	---	---	---	0.2-0.6	---	---	---	---	---			
Upshur	0-2	10-40	55-78	15-27	1.20-1.40	0.6-2	0.12-0.16	3.0-5.9	1.0-4.0	.43	---	3	6	---
	2-32	---	---	40-55	1.30-1.60	0.06-0.2	0.10-0.14	6.0-8.9	---	.32	---			
	32-43	---	---	27-45	1.30-1.60	0.06-0.2	0.08-0.12	3.0-5.9	---	.32	---			
	43-47	---	---	---	---	0.0000-0.2	---	---	---	---	---			
Other Soils	---	---	---	---	---	---	---	---	---	---	---	---	---	---
19D:														
Gilpin	0-3	10-40	55-78	15-27	1.20-1.40	0.6-2	0.12-0.18	0.0-2.9	0.5-4.0	.32	---	3	---	---
	3-24	---	---	18-35	1.20-1.50	0.6-2	0.12-0.16	0.0-2.9	---	.24	---			
	24-31	---	---	15-35	1.20-1.50	0.6-2	0.08-0.12	0.0-2.9	---	.24	---			
	31-35	---	---	---	---	0.2-0.6	---	---	---	---	---			
Upshur	0-2	10-40	55-78	15-27	1.20-1.40	0.6-2	0.12-0.16	3.0-5.9	1.0-4.0	.43	---	3	6	---
	2-32	---	---	40-55	1.30-1.60	0.06-0.2	0.10-0.14	6.0-8.9	---	.32	---			
	32-43	---	---	27-45	1.30-1.60	0.06-0.2	0.08-0.12	3.0-5.9	---	.32	---			
	43-47	---	---	---	---	0.0000-0.2	---	---	---	---	---			
Other Soils	---	---	---	---	---	---	---	---	---	---	---	---	---	---
19E:														
Gilpin	0-3	10-40	55-78	15-27	1.20-1.40	0.6-2	0.08-0.14	0.0-2.9	1.0-4.0	.24	---	3	---	---
	3-24	---	---	18-35	1.20-1.50	0.6-2	0.10-0.16	0.0-2.9	---	.24	---			
	24-31	---	---	15-35	1.20-1.50	0.6-2	0.06-0.10	0.0-2.9	---	.24	---			
	31-35	---	---	---	---	0.2-0.6	---	---	---	---	---			

Table J1b. - Physical Properties of the Soils - Continued

Braxton County, West Virginia

Map Symbol bility and Soil Name bility	Depth Index	Sand	Silt	Clay	Moist Group Bulk	Permeability Erodi-	Available bility Water	Water Index Extensi-	Linear	Erosion Factors			Wind KwKf	Wind TErodi-
					Density	(Ksat)	Capacity	bility Pct	Matter	Kw	Kf	T	bility	Group
										Kw	Kf	T	bility	bility
	In	Pct	Pct	Pct	g/cc	In/Hr	In/In		Pct					
19E: Upshur	0-2	10-40	55-78	15-27	1.20-1.40	0.6-2	0.12-0.16	3.0-5.9	---	.37	---	3	---	---
	2-32	---	---	40-55	1.30-1.60	0.06-0.2	0.10-0.14	6.0-8.9	---	.32	---			
	32-43	---	---	27-45	1.30-1.60	0.06-0.2	0.08-0.12	3.0-5.9	---	.32	---			
	43-47	---	---	---	---	0.0000-0.2	---	---	---	---	---			
Other Soils	---	---	---	---	---	---	---	---	---	---	---	---	---	---
19F: Gilpin	0-3	10-40	55-78	15-27	1.20-1.40	0.6-2	0.08-0.14	0.0-2.9	1.0-4.0	.24	---	3	---	---
	3-24	---	---	18-35	1.20-1.50	0.6-2	0.10-0.16	0.0-2.9	---	.24	---			
	24-31	---	---	15-35	1.20-1.50	0.6-2	0.06-0.10	0.0-2.9	---	.24	---			
	31-35	---	---	---	---	0.2-0.6	---	---	---	---	---			
Upshur	0-2	10-40	55-78	15-27	1.20-1.40	0.6-2	0.12-0.16	3.0-5.9	---	.37	---	3	---	---
	2-32	---	---	40-55	1.30-1.60	0.06-0.2	0.10-0.14	6.0-8.9	---	.32	---			
	32-43	---	---	27-45	1.30-1.60	0.06-0.2	0.08-0.12	3.0-5.9	---	.32	---			
	43-47	---	---	---	---	0.0000-0.2	---	---	---	---	---			
Other Soils	---	---	---	---	---	---	---	---	---	---	---	---	---	---
20B: Gilpin	0-3	10-40	55-78	15-27	1.20-1.40	0.6-2	0.12-0.18	0.0-2.9	0.5-4.0	.32	---	3	---	---
	3-24	---	---	18-35	1.20-1.50	0.6-2	0.12-0.16	0.0-2.9	---	.24	---			
	24-31	---	---	15-35	1.20-1.50	0.6-2	0.08-0.12	0.0-2.9	---	.24	---			
	31-35	---	---	---	---	0.2-0.6	---	---	---	---	---			
Upshur	0-2	10-40	55-78	15-27	1.20-1.40	0.6-2	0.12-0.16	3.0-5.9	1.0-4.0	.43	---	3	6	---
	2-32	---	---	40-55	1.30-1.60	0.06-0.2	0.10-0.14	6.0-8.9	---	.32	---			
	32-43	---	---	27-45	1.30-1.60	0.06-0.2	0.08-0.12	3.0-5.9	---	.32	---			
	43-47	---	---	---	---	0.0000-0.2	---	---	---	---	---			
Other Soils	---	---	---	---	---	---	---	---	---	---	---	---	---	---

Table J1b. - Physical Properties of the Soils - Continued

Braxton County, West Virginia

Map Symbol bility and Soil Name bility	Depth Index	Sand	Silt	Clay	Moist Group Bulk	Permeability Erodi-	Available bility Water	Water Index Extensi-	Linear	Erosion Factors			Wind KwKf	Wind TErodi-
					Density	(Ksat)	Capacity	bility Pct	Matter	Kw	Kf	T	bility	Group
	In	Pct	Pct	Pct	g/cc	In/Hr	In/In		Pct					
20C: Gilpin	0-3	10-40	55-78	15-27	1.20-1.40	0.6-2	0.12-0.18	0.0-2.9	0.5-4.0	.32	---	3	---	---
	3-24	---	---	18-35	1.20-1.50	0.6-2	0.12-0.16	0.0-2.9	---	.24	---			
	24-31	---	---	15-35	1.20-1.50	0.6-2	0.08-0.12	0.0-2.9	---	.24	---			
	31-35	---	---	---	---	0.2-0.6	---	---	---	---	---			
Upshur	0-2	10-40	55-78	15-27	1.20-1.40	0.6-2	0.12-0.16	3.0-5.9	1.0-4.0	.43	---	3	6	---
	2-32	---	---	40-55	1.30-1.60	0.06-0.2	0.10-0.14	6.0-8.9	---	.32	---			
	32-43	---	---	27-45	1.30-1.60	0.06-0.2	0.08-0.12	3.0-5.9	---	.32	---			
	43-47	---	---	---	---	0.0000-0.2	---	---	---	---	---			
Other Soils	---	---	---	---	---	---	---	---	---	---	---	---	---	---
20D: Gilpin	0-3	10-40	55-78	15-27	1.20-1.40	0.6-2	0.12-0.18	0.0-2.9	0.5-4.0	.32	---	3	---	---
	3-24	---	---	18-35	1.20-1.50	0.6-2	0.12-0.16	0.0-2.9	---	.24	---			
	24-31	---	---	15-35	1.20-1.50	0.6-2	0.08-0.12	0.0-2.9	---	.24	---			
	31-35	---	---	---	---	0.2-0.6	---	---	---	---	---			
Upshur	0-2	10-40	55-78	15-27	1.20-1.40	0.6-2	0.12-0.16	3.0-5.9	1.0-4.0	.43	---	3	6	---
	2-32	---	---	40-55	1.30-1.60	0.06-0.2	0.10-0.14	6.0-8.9	---	.32	---			
	32-43	---	---	27-45	1.30-1.60	0.06-0.2	0.08-0.12	3.0-5.9	---	.32	---			
	43-47	---	---	---	---	0.0000-0.2	---	---	---	---	---			
Other Soils	---	---	---	---	---	---	---	---	---	---	---	---	---	---
20E: Gilpin	0-3	10-40	55-78	15-27	1.20-1.40	0.6-2	0.12-0.18	0.0-2.9	0.5-4.0	.32	---	3	---	---
	3-24	---	---	18-35	1.20-1.50	0.6-2	0.12-0.16	0.0-2.9	---	.24	---			
	24-31	---	---	15-35	1.20-1.50	0.6-2	0.08-0.12	0.0-2.9	---	.24	---			
	31-35	---	---	---	---	0.2-0.6	---	---	---	---	---			

Table J1b. - Physical Properties of the Soils - Continued

Braxton County, West Virginia

Map Symbol bilty and Soil Name bilty	Depth Index	Sand	Silt	Clay	Moist	Permeability	Available	Water	Linear	Erosion Factors			Wind	Wind		
					Group	Erodi-	bility	Index		Extensi-	Organic	Kw	Kf	T	KwKf	TErodi-
					Bulk		Water									
					Density	(Ksat)	Capacity			Matter	Kw	Kf	T	bility	bility	
	In	Pct	Pct	Pct	g/cc	In/Hr	In/In	bilty Pct	Pct							
20E: Upshur	0-2	10-40	55-78	15-27	1.20-1.40	0.6-2	0.12-0.16	3.0-5.9	1.0-4.0	.43	---	3	6	---		
	2-32	---	---	40-55	1.30-1.60	0.06-0.2	0.10-0.14	6.0-8.9	---	.32	---					
	32-43	---	---	27-45	1.30-1.60	0.06-0.2	0.08-0.12	3.0-5.9	---	.32	---					
	43-47	---	---	---	---	0.0000-0.2	---	---	---	---	---					
	Other Soils	---	---	---	---	---	---	---	---	---	---	---	---	---		
20F: Gilpin	0-3	10-40	55-78	15-27	1.20-1.40	0.6-2	0.12-0.18	0.0-2.9	0.5-4.0	.32	---	3	---	---		
	3-24	---	---	18-35	1.20-1.50	0.6-2	0.12-0.16	0.0-2.9	---	.24	---					
	24-31	---	---	15-35	1.20-1.50	0.6-2	0.08-0.12	0.0-2.9	---	.24	---					
	31-35	---	---	---	---	0.2-0.6	---	---	---	---	---					
	Upshur	0-2	10-40	55-78	15-27	1.20-1.40	0.6-2	0.12-0.16	3.0-5.9	1.0-4.0	.43	---	3	6	---	
	2-32	---	---	40-55	1.30-1.60	0.06-0.2	0.10-0.14	6.0-8.9	---	.32	---					
	32-43	---	---	27-45	1.30-1.60	0.06-0.2	0.08-0.12	3.0-5.9	---	.32	---					
	43-47	---	---	---	---	0.0000-0.2	---	---	---	---	---					
Other Soils	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
21B: Gilpin	0-3	10-40	55-78	15-27	1.20-1.40	0.6-2	0.12-0.18	0.0-2.9	0.5-4.0	.32	---	3	---	---		
	3-24	---	---	18-35	1.20-1.50	0.6-2	0.12-0.16	0.0-2.9	---	.24	---					
	24-31	---	---	15-35	1.20-1.50	0.6-2	0.08-0.12	0.0-2.9	---	.24	---					
	31-35	---	---	---	---	0.2-0.6	---	---	---	---	---					
	Upshur	0-2	10-40	55-78	15-27	1.20-1.40	0.6-2	0.12-0.16	3.0-5.9	1.0-4.0	.43	---	3	6	---	
	2-32	---	---	40-55	1.30-1.60	0.06-0.2	0.10-0.14	6.0-8.9	---	.32	---					
	32-43	---	---	27-45	1.30-1.60	0.06-0.2	0.08-0.12	3.0-5.9	---	.32	---					
	43-47	---	---	---	---	0.0000-0.2	---	---	---	---	---					
Other Soils	---	---	---	---	---	---	---	---	---	---	---	---	---	---		

Table J1b. - Physical Properties of the Soils - Continued

Braxton County, West Virginia

Map Symbol bilty and Soil Name bilty	Depth Index	Sand	Silt	Clay	Moist Group Bulk	Permeability Erodi-	Available bilty Water	Water Index Extensi-	Linear	Erosion Factors			Wind KwKf	Wind TErodi-
					Density	(Ksat)	Capacity		Matter	Kw	Kf	T	bilty	Group
	In	Pct	Pct	Pct	g/cc	In/Hr	In/In	bilty Pct	Pct				bilty	bilty
21C: Gilpin	0-3	10-40	55-78	15-27	1.20-1.40	0.6-2	0.12-0.18	0.0-2.9	0.5-4.0	.32	---	3	---	---
	3-24	---	---	18-35	1.20-1.50	0.6-2	0.12-0.16	0.0-2.9	---	.24	---			
	24-31	---	---	15-35	1.20-1.50	0.6-2	0.08-0.12	0.0-2.9	---	.24	---			
	31-35	---	---	---	---	0.2-0.6	---	---	---	---	---			
Upshur	0-2	10-40	55-78	15-27	1.20-1.40	0.6-2	0.12-0.16	3.0-5.9	1.0-4.0	.43	---	3	6	---
	2-32	---	---	40-55	1.30-1.60	0.06-0.2	0.10-0.14	6.0-8.9	---	.32	---			
	32-43	---	---	27-45	1.30-1.60	0.06-0.2	0.08-0.12	3.0-5.9	---	.32	---			
	43-47	---	---	---	---	0.0000-0.2	---	---	---	---	---			
Other Soils	---	---	---	---	---	---	---	---	---	---	---	---	---	---
21D: Gilpin	0-3	10-40	55-78	15-27	1.20-1.40	0.6-2	0.12-0.18	0.0-2.9	0.5-4.0	.32	---	3	---	---
	3-24	---	---	18-35	1.20-1.50	0.6-2	0.12-0.16	0.0-2.9	---	.24	---			
	24-31	---	---	15-35	1.20-1.50	0.6-2	0.08-0.12	0.0-2.9	---	.24	---			
	31-35	---	---	---	---	0.2-0.6	---	---	---	---	---			
Upshur	0-2	10-40	55-78	15-27	1.20-1.40	0.6-2	0.12-0.16	3.0-5.9	1.0-4.0	.43	---	3	6	---
	2-32	---	---	40-55	1.30-1.60	0.06-0.2	0.10-0.14	6.0-8.9	---	.32	---			
	32-43	---	---	27-45	1.30-1.60	0.06-0.2	0.08-0.12	3.0-5.9	---	.32	---			
	43-47	---	---	---	---	0.0000-0.2	---	---	---	---	---			
Other Soils	---	---	---	---	---	---	---	---	---	---	---	---	---	---
21E: Gilpin	0-3	10-40	55-78	15-27	1.20-1.40	0.6-2	0.12-0.18	0.0-2.9	0.5-4.0	.32	---	3	---	---
	3-24	---	---	18-35	1.20-1.50	0.6-2	0.12-0.16	0.0-2.9	---	.24	---			
	24-31	---	---	15-35	1.20-1.50	0.6-2	0.08-0.12	0.0-2.9	---	.24	---			
	31-35	---	---	---	---	0.2-0.6	---	---	---	---	---			

Table J1b. - Physical Properties of the Soils - Continued

Braxton County, West Virginia

Map Symbol bility and Soil Name bility	Depth Index	Sand	Silt	Clay	Moist Group Bulk	Permeability Erodi-	Available bility Water	Water Index Extensi-	Linear	Erosion Factors			Wind KwKf	Wind TErodi-
					Density	(Ksat)	Capacity	bility Pct	Matter	Kw	Kf	T	bility	Group
										Kw	Kf	T	bility	bility
	In	Pct	Pct	Pct	g/cc	In/Hr	In/In		Pct					
21E: Upshur	0-2	10-40	55-78	15-27	1.20-1.40	0.6-2	0.12-0.16	3.0-5.9	1.0-4.0	.43	---	3	6	---
	2-32	---	---	40-55	1.30-1.60	0.06-0.2	0.10-0.14	6.0-8.9	---	.32	---			
	32-43	---	---	27-45	1.30-1.60	0.06-0.2	0.08-0.12	3.0-5.9	---	.32	---			
	43-47	---	---	---	---	0.0000-0.2	---	---	---	---	---			
Other Soils	---	---	---	---	---	---	---	---	---	---	---	---	---	---
21F: Gilpin	0-3	10-40	55-78	15-27	1.20-1.40	0.6-2	0.12-0.18	0.0-2.9	0.5-4.0	.32	---	3	---	---
	3-24	---	---	18-35	1.20-1.50	0.6-2	0.12-0.16	0.0-2.9	---	.24	---			
	24-31	---	---	15-35	1.20-1.50	0.6-2	0.08-0.12	0.0-2.9	---	.24	---			
	31-35	---	---	---	---	0.2-0.6	---	---	---	---	---			
Upshur	0-2	10-40	55-78	15-27	1.20-1.40	0.6-2	0.12-0.16	3.0-5.9	1.0-4.0	.43	---	3	6	---
	2-32	---	---	40-55	1.30-1.60	0.06-0.2	0.10-0.14	6.0-8.9	---	.32	---			
	32-43	---	---	27-45	1.30-1.60	0.06-0.2	0.08-0.12	3.0-5.9	---	.32	---			
	43-47	---	---	---	---	0.0000-0.2	---	---	---	---	---			
Other Soils	---	---	---	---	---	---	---	---	---	---	---	---	---	---
22C: Gilpin	0-3	10-40	55-78	15-27	1.20-1.40	0.6-2	0.12-0.18	0.0-2.9	0.5-4.0	.32	---	3	---	---
	3-24	---	---	18-35	1.20-1.50	0.6-2	0.12-0.16	0.0-2.9	---	.24	---			
	24-31	---	---	15-35	1.20-1.50	0.6-2	0.08-0.12	0.0-2.9	---	.24	---			
	31-35	---	---	---	---	0.2-0.6	---	---	---	---	---			
Upshur	0-2	10-40	55-78	15-27	1.20-1.40	0.6-2	0.12-0.16	3.0-5.9	1.0-4.0	.43	---	3	6	---
	2-32	---	---	40-55	1.30-1.60	0.06-0.2	0.10-0.14	6.0-8.9	---	.32	---			
	32-43	---	---	27-45	1.30-1.60	0.06-0.2	0.08-0.12	3.0-5.9	---	.32	---			
	43-47	---	---	---	---	0.0000-0.2	---	---	---	---	---			
Other Soils	---	---	---	---	---	---	---	---	---	---	---	---	---	---

Table J1b. - Physical Properties of the Soils - Continued

Braxton County, West Virginia

Map Symbol bilty and Soil Name bilty	Depth Index	Sand	Silt	Clay	Moist Group Bulk	Permeability Erodi-	Available bilty Water	Water Index Extensi-	Linear	Erosion Factors			Wind KwKf	Wind TErodi-
					Density	(Ksat)	Capacity		Matter	Kw	Kf	T	bilty	Group
	In	Pct	Pct	Pct	g/cc	In/Hr	In/In	bilty Pct	Pct				bilty	bilty
22D: Gilpin	0-3	10-40	55-78	15-27	1.20-1.40	0.6-2	0.12-0.18	0.0-2.9	0.5-4.0	.32	---	3	---	---
	3-24	---	---	18-35	1.20-1.50	0.6-2	0.12-0.16	0.0-2.9	---	.24	---			
	24-31	---	---	15-35	1.20-1.50	0.6-2	0.08-0.12	0.0-2.9	---	.24	---			
	31-35	---	---	---	---	0.2-0.6	---	---	---	---	---			
Upshur	0-2	10-40	55-78	15-27	1.20-1.40	0.6-2	0.12-0.16	3.0-5.9	1.0-4.0	.43	---	3	6	---
	2-32	---	---	40-55	1.30-1.60	0.06-0.2	0.10-0.14	6.0-8.9	---	.32	---			
	32-43	---	---	27-45	1.30-1.60	0.06-0.2	0.08-0.12	3.0-5.9	---	.32	---			
	43-47	---	---	---	---	0.0000-0.2	---	---	---	---	---			
Other Soils	---	---	---	---	---	---	---	---	---	---	---	---	---	---
22E: Gilpin	0-3	10-40	55-78	15-27	1.20-1.40	0.6-2	0.08-0.14	0.0-2.9	---	.24	---	3	---	---
	3-24	---	---	18-35	1.20-1.50	0.6-2	0.12-0.16	0.0-2.9	---	.24	---			
	24-31	---	---	15-35	1.20-1.50	0.6-2	0.08-0.12	0.0-2.9	---	.24	---			
	31-35	---	---	---	---	0.2-0.6	---	---	---	---	---			
22F: Gilpin	0-3	10-40	55-78	15-27	1.20-1.40	0.6-2	0.08-0.14	0.0-2.9	---	.24	---	3	---	---
	3-24	---	---	18-35	1.20-1.50	0.6-2	0.12-0.16	0.0-2.9	---	.24	---			
	24-31	---	---	15-35	1.20-1.50	0.6-2	0.08-0.12	0.0-2.9	---	.24	---			
	31-35	---	---	---	---	0.2-0.6	---	---	---	---	---			
25F: Gilpin	0-3	10-40	55-78	15-27	1.20-1.40	0.6-2	0.08-0.14	0.0-2.9	1.0-4.0	.24	---	3	---	---
	3-24	---	---	18-35	1.20-1.50	0.6-2	0.10-0.16	0.0-2.9	---	.24	---			
	24-31	---	---	15-35	1.20-1.50	0.6-2	0.06-0.10	0.0-2.9	---	.24	---			
	31-35	---	---	---	---	0.2-0.6	---	---	---	---	---			

Table J1b. - Physical Properties of the Soils - Continued

Braxton County, West Virginia

Map Symbol bility and Soil Name bility	Depth Index	Sand	Silt	Clay	Moist Group Bulk	Permeability Erodi-	Available bility Water	Water Index Extensi-	Linear	Erosion Factors			Wind KwKf	Wind TErodi-
					Density	(Ksat)	Capacity	bility Pct		Kw	Kf	T	bility	Group
	In	Pct	Pct	Pct	g/cc	In/Hr	In/In		Pct					
25F: Upshur	0-2	10-40	55-78	15-27	1.20-1.40	0.6-2	0.12-0.16	3.0-5.9	---	.37	---	3	---	---
	2-32	---	---	40-55	1.30-1.60	0.06-0.2	0.10-0.14	6.0-8.9	---	.32	---			
	32-43	---	---	27-45	1.30-1.60	0.06-0.2	0.08-0.12	3.0-5.9	---	.32	---			
	43-47	---	---	---	---	0.0000-0.2	---	---	---	---	---			
Other Soils	---	---	---	---	---	---	---	---	---	---	---	---	---	---
26: Myra	0-6	20-45	15-53	12-30	1.40-1.65	0.2-2	0.08-0.16	0.0-2.9	0.0-1.0	.32	---	5	---	---
	6-65	---	---	12-30	1.40-1.80	0.2-2	0.05-0.16	0.0-2.9	---	.32	---			
Wet Minesoil	---	---	---	---	---	---	---	---	---	---	---	---	---	---
27: Myra	0-6	20-45	15-53	12-30	1.40-1.65	0.2-2	0.08-0.16	0.0-2.9	0.0-1.0	.32	---	5	---	---
	6-65	---	---	12-30	1.40-1.80	0.2-2	0.05-0.16	0.0-2.9	---	.32	---			
Wet Minesoil	---	---	---	---	---	---	---	---	---	---	---	---	---	---
28: Myra	0-6	20-45	15-53	12-30	1.40-1.65	0.2-2	0.08-0.16	0.0-2.9	0.0-1.0	.32	---	5	---	---
	6-65	---	---	12-30	1.40-1.80	0.2-2	0.05-0.16	0.0-2.9	---	.32	---			
Wet Minesoil	---	---	---	---	---	---	---	---	---	---	---	---	---	---
29: Udorthents	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Unnamed Soil	---	---	---	---	---	---	---	---	---	---	---	---	---	---
30B:														

Table J1b. - Physical Properties of the Soils - Continued

Braxton County, West Virginia

Map Symbol bility and Soil Name bility	Depth Index	Sand	Silt	Clay	Moist Group Bulk	Permeability Erodi-	Available bility Water	Water Index Extensi-	Linear	Erosion Factors			Wind KwKf	Wind TErodi-
					Density	(Ksat)	Capacity	bility Pct	Matter	Kw	Kf	T	bility	Group
	In	Pct	Pct	Pct	g/cc	In/Hr	In/In		Pct					
30B: Gilpin	0-3	10-40	55-78	15-27	1.20-1.40	0.6-2	0.12-0.18	0.0-2.9	0.5-4.0	.32	---	3	---	---
	3-24	---	---	18-35	1.20-1.50	0.6-2	0.12-0.16	0.0-2.9	---	.24	---			
	24-31	---	---	15-35	1.20-1.50	0.6-2	0.08-0.12	0.0-2.9	---	.24	---			
	31-35	---	---	---	---	0.2-0.6	---	---	---	---	---			
Upshur	0-2	10-40	55-78	15-27	1.20-1.40	0.6-2	0.12-0.16	3.0-5.9	1.0-4.0	.43	---	3	6	---
	2-32	---	---	40-55	1.30-1.60	0.06-0.2	0.10-0.14	6.0-8.9	---	.32	---			
	32-43	---	---	27-45	1.30-1.60	0.06-0.2	0.08-0.12	3.0-5.9	---	.32	---			
	43-47	---	---	---	---	0.0000-0.2	---	---	---	---	---			
Other Soils	---	---	---	---	---	---	---	---	---	---	---	---	---	---
30C: Gilpin	0-3	10-40	55-78	15-27	1.20-1.40	0.6-2	0.12-0.18	0.0-2.9	0.5-4.0	.32	---	3	---	---
	3-24	---	---	18-35	1.20-1.50	0.6-2	0.12-0.16	0.0-2.9	---	.24	---			
	24-31	---	---	15-35	1.20-1.50	0.6-2	0.08-0.12	0.0-2.9	---	.24	---			
	31-35	---	---	---	---	0.2-0.6	---	---	---	---	---			
Upshur	0-2	10-40	55-78	15-27	1.20-1.40	0.6-2	0.12-0.16	3.0-5.9	1.0-4.0	.43	---	3	6	---
	2-32	---	---	40-55	1.30-1.60	0.06-0.2	0.10-0.14	6.0-8.9	---	.32	---			
	32-43	---	---	27-45	1.30-1.60	0.06-0.2	0.08-0.12	3.0-5.9	---	.32	---			
	43-47	---	---	---	---	0.0000-0.2	---	---	---	---	---			
Other Soils	---	---	---	---	---	---	---	---	---	---	---	---	---	---
32C: Buchanan	0-4	25-50	30-48	10-27	1.20-1.40	0.6-2	0.11-0.16	0.0-2.9	---	.24	---	3	---	---
	4-25	---	---	18-30	1.30-1.60	0.6-2	0.10-0.16	0.0-2.9	---	.24	---			
	25-65	---	---	18-35	1.40-1.70	0.06-0.2	0.06-0.10	0.0-2.9	---	.17	---			

32D:

Table J1b. - Physical Properties of the Soils - Continued

Braxton County, West Virginia

Map Symbol bility and Soil Name bility	Depth Index	Sand	Silt	Clay	Moist Group Bulk	Permeability Erodi-	Available bility Water	Water Index Extensi-	Linear	Erosion Factors			Wind KwKf	Wind TErodi-
					Density	(Ksat)	Capacity	bility Pct	Matter	Kw	Kf	T	bility	Group
										Kw	Kf	T	bility	bility
	In	Pct	Pct	Pct	g/cc	In/Hr	In/In		Pct					
32D: Buchanan	0-4	25-50	30-48	10-27	1.20-1.40	0.6-2	0.11-0.16	0.0-2.9	---	.24	---	3	---	---
	4-25	---	---	18-30	1.30-1.60	0.6-2	0.10-0.16	0.0-2.9	---	.24	---			
	25-65	---	---	18-35	1.40-1.70	0.06-0.2	0.06-0.10	0.0-2.9	---	.17	---			
32E: Buchanan	0-4	25-50	30-48	10-27	1.20-1.40	0.6-2	0.11-0.16	0.0-2.9	---	.24	---	3	---	---
	4-25	---	---	18-30	1.30-1.60	0.6-2	0.10-0.16	0.0-2.9	---	.24	---			
	25-65	---	---	18-35	1.40-1.70	0.06-0.2	0.06-0.10	0.0-2.9	---	.17	---			
112B: Zoar	0-8	0-50	50-83	15-30	1.20-1.40	0.6-2	0.15-0.18	0.0-2.9	1.0-4.0	.43	---	3	---	---
	8-34	---	---	35-50	1.30-1.60	0.06-0.6	0.12-0.15	3.0-5.9	---	.32	---			
	34-65	---	---	35-50	1.40-1.70	0.06-0.2	0.08-0.12	3.0-5.9	---	.32	---			
112C: Zoar	0-8	0-50	50-83	15-30	1.20-1.40	0.6-2	0.15-0.18	0.0-2.9	1.0-4.0	.43	---	3	---	---
	8-34	---	---	35-50	1.30-1.60	0.06-0.6	0.12-0.15	3.0-5.9	---	.32	---			
	34-65	---	---	35-50	1.40-1.70	0.06-0.2	0.08-0.12	3.0-5.9	---	.32	---			
115: Sensabaugh	0-7	0-50	50-83	8-25	1.25-1.40	0.6-6	0.12-0.18	0.0-2.9	1.0-3.0	.24	---	5	---	---
	7-29	---	---	18-35	1.30-1.50	0.6-6	0.10-0.16	0.0-2.9	---	.20	---			
	29-65	---	---	12-38	1.25-1.50	0.6-6	0.08-0.14	0.0-2.9	---	.17	---			
Holly	---	---	---	---	---	---	---	---	---	---	---	---	---	---
115A: Sensabaugh	0-7	0-50	50-83	8-25	1.25-1.40	0.6-6	0.12-0.18	0.0-2.9	1.0-3.0	.24	---	5	---	---
	7-29	---	---	18-35	1.30-1.50	0.6-6	0.10-0.16	0.0-2.9	---	.20	---			
	29-65	---	---	12-38	1.25-1.50	0.6-6	0.08-0.14	0.0-2.9	---	.17	---			
Holly	---	---	---	---	---	---	---	---	---	---	---	---	---	---

Table J1b. - Physical Properties of the Soils - Continued

Braxton County, West Virginia

Map Symbol bility and Soil Name bility	Depth Index	Sand	Silt	Clay	Moist Group Bulk	Permeability Erodi-	Available bility Water	Water Index Extensi-	Linear	Erosion Factors			Wind KwKf	Wind TErodi-
					Density	(Ksat)	Capacity	bility Pct	Matter	Kw	Kf	T	bility	Group
										Kw	Kf	T		
	In	Pct	Pct	Pct	g/cc	In/Hr	In/In		Pct					
115B: Sensabaugh	0-7	0-50	50-83	8-25	1.25-1.40	0.6-6	0.12-0.18	0.0-2.9	1.0-3.0	.24	---	5	---	---
	7-29	---	---	18-35	1.30-1.50	0.6-6	0.10-0.16	0.0-2.9	---	.20	---			
	29-65	---	---	12-38	1.25-1.50	0.6-6	0.08-0.14	0.0-2.9	---	.17	---			
Holly	---	---	---	---	---	---	---	---	---	---	---	---	---	---
116: Sensabaugh	0-7	0-50	50-83	8-25	1.25-1.40	0.6-6	0.12-0.18	0.0-2.9	1.0-3.0	.24	---	5	---	---
	7-29	---	---	18-35	1.30-1.50	0.6-6	0.10-0.16	0.0-2.9	---	.20	---			
	29-65	---	---	12-38	1.25-1.50	0.6-6	0.08-0.14	0.0-2.9	---	.17	---			
Holly	---	---	---	---	---	---	---	---	---	---	---	---	---	---
121B: Gilpin	0-3	10-40	55-78	15-27	1.20-1.40	0.6-2	0.12-0.18	0.0-2.9	0.5-4.0	.32	---	3	---	---
	3-24	---	---	18-35	1.20-1.50	0.6-2	0.12-0.16	0.0-2.9	---	.24	---			
	24-31	---	---	15-35	1.20-1.50	0.6-2	0.08-0.12	0.0-2.9	---	.24	---			
	31-35	---	---	---	---	0.2-0.6	---	---	---	---	---			
Lily	0-6	25-50	30-50	7-27	1.20-1.40	0.6-6	0.13-0.18	0.0-2.9	0.5-4.0	.28	---	---	---	---
	6-23	---	---	18-35	1.25-1.35	2-6	0.12-0.18	0.0-2.9	---	.28	---			
	23-27	---	---	20-35	1.25-1.35	2-6	0.08-0.17	0.0-2.9	---	.17	---			
	27-31	---	---	---	---	0.2-0.6	---	---	---	---	---			
Other Soils	---	---	---	---	---	---	---	---	---	---	---	---	---	---
121C: Gilpin	0-3	10-40	55-78	15-27	1.20-1.40	0.6-2	0.12-0.18	0.0-2.9	0.5-4.0	.32	---	3	---	---
	3-24	---	---	18-35	1.20-1.50	0.6-2	0.12-0.16	0.0-2.9	---	.24	---			
	24-31	---	---	15-35	1.20-1.50	0.6-2	0.08-0.12	0.0-2.9	---	.24	---			
	31-35	---	---	---	---	0.2-0.6	---	---	---	---	---			

Table J1b. - Physical Properties of the Soils - Continued

Braxton County, West Virginia

Map Symbol and Soil Name	bility	Depth Index	Sand	Silt	Clay	Moist	Permeability	Available	Water	Linear	Erosion Factors			Wind	Wind		
						Group	Erodi-	bility	Index		Extensi-	Organic	Kw	Kf	T	KwKf	TErodi-
						Bulk		Water	Extensi-								
						Density	(Ksat)	Capacity		Matter	Kw	Kf	T	bility	Group		
						g/cc	In/Hr	In/In	bility	Pct				bility	bility		
121C: Lily		In	Pct	Pct	Pct					Pct							
		0-6	25-50	30-50	7-27	1.20-1.40	0.6-6	0.13-0.18	0.0-2.9	0.5-4.0	.28	---	---	---	---		
		6-23	---	---	18-35	1.25-1.35	2-6	0.12-0.18	0.0-2.9	---	.28	---					
		23-27	---	---	20-35	1.25-1.35	2-6	0.08-0.17	0.0-2.9	---	.17	---					
		27-31	---	---	---	---	0.2-0.6	---	---	---	---	---					
Other Soils		---	---	---	---	---	---	---	---	---	---	---	---	---	---		
121D: Gilpin		0-3	10-40	55-78	15-27	1.20-1.40	0.6-2	0.12-0.18	0.0-2.9	0.5-4.0	.32	---	3	---	---		
		3-24	---	---	18-35	1.20-1.50	0.6-2	0.12-0.16	0.0-2.9	---	.24	---					
		24-31	---	---	15-35	1.20-1.50	0.6-2	0.08-0.12	0.0-2.9	---	.24	---					
		31-35	---	---	---	---	0.2-0.6	---	---	---	---	---					
	Lily	0-6	25-50	30-50	7-27	1.20-1.40	0.6-6	0.13-0.18	0.0-2.9	0.5-4.0	.28	---	2	---	---		
	6-23	---	---	18-35	1.25-1.35	2-6	0.12-0.18	0.0-2.9	---	.28	---						
	23-27	---	---	20-35	1.25-1.35	2-6	0.08-0.17	0.0-2.9	---	.17	---						
	27-31	---	---	---	---	0.2-0.6	---	---	---	---	---						
Other Soils		---	---	---	---	---	---	---	---	---	---	---	---	---	---		
121E: Gilpin		0-3	10-40	55-78	15-27	1.20-1.40	0.6-2	0.12-0.18	0.0-2.9	0.5-4.0	.32	---	3	---	---		
		3-24	---	---	18-35	1.20-1.50	0.6-2	0.12-0.16	0.0-2.9	---	.24	---					
		24-31	---	---	15-35	1.20-1.50	0.6-2	0.08-0.12	0.0-2.9	---	.24	---					
		31-35	---	---	---	---	0.2-0.6	---	---	---	---	---					
	Lily	0-6	25-50	30-48	7-27	1.20-1.40	0.6-6	0.13-0.18	0.0-2.9	0.5-4.0	.28	---	2	---	---		
	6-23	---	---	18-35	1.25-1.35	2-6	0.12-0.18	0.0-2.9	---	.28	---						
	23-27	---	---	20-35	1.25-1.35	2-6	0.08-0.17	0.0-2.9	---	.17	---						
	27-31	---	---	---	---	0.2-0.6	---	---	---	---	---						
Other Soils		---	---	---	---	---	---	---	---	---	---	---	---	---	---		

Table J1b. - Physical Properties of the Soils - Continued

Braxton County, West Virginia

Map Symbol bilty and Soil Name bilty	Depth Index	Sand	Silt	Clay	Moist Group Bulk	Permeability Erodi-	Available bilty Water	Water Index Extensi-	Linear	Erosion Factors			Wind KwKf	Wind TErodi-
					Density	(Ksat)	Capacity	bilty Pct	Matter	Kw	Kf	T	bilty	Group
	In	Pct	Pct	Pct	g/cc	In/Hr	In/In		Pct					
122F: Gilpin	0-3	10-40	55-78	15-27	1.20-1.40	0.6-2	0.08-0.14	0.0-2.9	---	.24	---	3	---	---
	3-24	---	---	18-35	1.20-1.50	0.6-2	0.12-0.16	0.0-2.9	---	.24	---			
	24-31	---	---	15-35	1.20-1.50	0.6-2	0.08-0.12	0.0-2.9	---	.24	---			
	31-35	---	---	---	---	0.2-0.6	---	---	---	---	---			
Other Soils	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Pineville	0-10	25-50	30-48	15-25	1.00-1.30	0.6-2	0.12-0.18	0.0-2.9	0.5-5.0	.20	---	4	8	0
	10-52	---	---	18-30	1.30-1.60	0.6-2	0.08-0.14	0.0-2.9	---	.15	.17			
	52-65	---	---	15-30	1.30-1.60	0.6-6	0.06-0.14	0.0-2.9	---	.15	---			
AgB: Allegheny	0-7	25-50	30-48	15-27	1.20-1.40	0.6-2	0.12-0.22	0.0-2.9	1.0-4.0	.32	---	4	---	---
	7-43	---	---	18-35	1.20-1.50	0.6-2	0.13-0.18	0.0-2.9	---	.28	---			
	43-65	---	---	10-35	1.20-1.40	0.6-2	0.08-0.17	0.0-2.9	---	.28	---			
BuE: Buchanan	0-4	25-50	30-48	10-27	1.20-1.40	0.6-2	0.11-0.16	0.0-2.9	---	.24	---	3	---	---
	4-25	---	---	18-30	1.30-1.60	0.6-2	0.10-0.16	0.0-2.9	---	.24	---			
	25-65	---	---	18-35	1.40-1.70	0.06-0.2	0.06-0.10	0.0-2.9	---	.17	---			
Cg: Chagrin	0-8	10-40	55-78	10-27	1.20-1.40	0.6-2	0.20-0.24	0.0-2.9	2.0-4.0	.32	---	5	5	---
	8-35	---	---	18-30	1.20-1.50	0.6-2	0.14-0.20	0.0-2.9	---	.32	---			
	35-65	---	---	5-25	1.20-1.40	0.6-2	0.08-0.20	0.0-2.9	---	.32	---			
Holly	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Ch: Chavies	0-12	55-80	5-45	7-18	1.20-1.40	2-6	0.11-0.18	0.0-2.9	0.5-4.0	.24	---	4	3	---
	12-36	---	---	7-18	1.20-1.40	2-6	0.11-0.20	0.0-2.9	---	.24	---			
	36-65	---	---	7-18	1.30-1.50	2-6	0.08-0.18	0.0-2.9	---	.24	---			

Table J1b. - Physical Properties of the Soils - Continued

Braxton County, West Virginia

Map Symbol bilty and Soil Name bilty	Depth Index	Sand	Silt	Clay	Moist Group Bulk	Permeability Erodi-	Available bilty Water	Water Index Extensi-	Linear	Erosion Factors			Wind KwKf	Wind TErodi-
					Density	(Ksat)	Capacity	bilty Pct	Matter	Kw	Kf	T	bilty	Group
										Kw	Kf	T	bilty	bilty
	In	Pct	Pct	Pct	g/cc	In/Hr	In/In		Pct					
Cp: Chavies	0-12	55-80	5-45	7-18	1.20-1.40	2-6	0.11-0.18	0.0-2.9	0.5-4.0	.24	---	4	3	---
	12-36	---	---	7-18	1.20-1.40	2-6	0.11-0.20	0.0-2.9	---	.24	---			
	36-65	---	---	7-18	1.30-1.50	2-6	0.08-0.18	0.0-2.9	---	.24	---			
Cr: Craigsville	0-6	55-80	5-45	5-15	1.20-1.40	2-20	0.07-0.15	0.0-2.9	1.0-5.0	.17	---	3	---	---
	6-35	---	---	5-15	1.30-1.60	2-20	0.06-0.15	0.0-2.9	---	.17	---			
	35-65	---	---	5-10	1.35-1.55	6-20	0.04-0.09	0.0-2.9	---	.17	---			
GaF: Gilpin	0-3	10-40	55-78	15-27	1.20-1.40	0.6-2	0.08-0.14	0.0-2.9	---	.24	---	3	---	---
	3-24	---	---	18-35	1.20-1.50	0.6-2	0.12-0.16	0.0-2.9	---	.24	---			
	24-31	---	---	15-35	1.20-1.50	0.6-2	0.08-0.12	0.0-2.9	---	.24	---			
	31-35	---	---	---	---	0.2-0.6	---	---	---	---	---			
GIC: Gilpin	0-3	10-40	55-78	15-27	1.20-1.40	0.6-2	0.12-0.18	0.0-2.9	0.5-4.0	.32	---	3	---	---
	3-24	---	---	18-35	1.20-1.50	0.6-2	0.12-0.16	0.0-2.9	---	.24	---			
	24-31	---	---	15-35	1.20-1.50	0.6-2	0.08-0.12	0.0-2.9	---	.24	---			
	31-35	---	---	---	---	0.2-0.6	---	---	---	---	---			
Lily	0-6	25-50	30-50	7-27	1.20-1.40	0.6-6	0.13-0.18	0.0-2.9	0.5-4.0	.28	---	---	---	---
	6-23	---	---	18-35	1.25-1.35	2-6	0.12-0.18	0.0-2.9	---	.28	---			
	23-27	---	---	20-35	1.25-1.35	2-6	0.08-0.17	0.0-2.9	---	.17	---			
	27-31	---	---	---	---	0.2-0.6	---	---	---	---	---			
Other Soils	---	---	---	---	---	---	---	---	---	---	---	---	---	---
GID: Gilpin	0-3	10-40	55-78	15-27	1.20-1.40	0.6-2	0.12-0.18	0.0-2.9	0.5-4.0	.32	---	3	---	---
	3-24	---	---	18-35	1.20-1.50	0.6-2	0.12-0.16	0.0-2.9	---	.24	---			
	24-31	---	---	15-35	1.20-1.50	0.6-2	0.08-0.12	0.0-2.9	---	.24	---			
	31-35	---	---	---	---	0.2-0.6	---	---	---	---	---			

Table J1b. - Physical Properties of the Soils - Continued

Braxton County, West Virginia

Map Symbol bilty and Soil Name bilty	Depth Index	Sand	Silt	Clay	Moist Group Bulk	Permeability Erodi-	Available bilty Water	Water Index Extensi-	Linear	Erosion Factors			Wind KwKf	Wind TErodi-
					Density	(Ksat)	Capacity	bilty Pct		Kw	Kf	T	bilty	Group
GID:	In	Pct	Pct	Pct	g/cc	In/Hr	In/In	Pct	Pct	Kw	Kf	T	bilty	bilty
Lily	0-6	25-50	30-50	7-27	1.20-1.40	0.6-6	0.13-0.18	0.0-2.9	0.5-4.0	.28	---	2	---	---
	6-23	---	---	18-35	1.25-1.35	2-6	0.12-0.18	0.0-2.9	---	.28	---			
	23-27	---	---	20-35	1.25-1.35	2-6	0.08-0.17	0.0-2.9	---	.17	---			
	27-31	---	---	---	---	0.2-0.6	---	---	---	---	---			
Other Soils	---	---	---	---	---	---	---	---	---	---	---	---	---	---
GIE:														
Gilpin	0-3	10-40	55-78	15-27	1.20-1.40	0.6-2	0.12-0.18	0.0-2.9	0.5-4.0	.32	---	3	---	---
	3-24	---	---	18-35	1.20-1.50	0.6-2	0.12-0.16	0.0-2.9	---	.24	---			
	24-31	---	---	15-35	1.20-1.50	0.6-2	0.08-0.12	0.0-2.9	---	.24	---			
	31-35	---	---	---	---	0.2-0.6	---	---	---	---	---			
Lily	0-6	25-50	30-48	7-27	1.20-1.40	0.6-6	0.13-0.18	0.0-2.9	0.5-4.0	.28	---	2	---	---
	6-23	---	---	18-35	1.25-1.35	2-6	0.12-0.18	0.0-2.9	---	.28	---			
	23-27	---	---	20-35	1.25-1.35	2-6	0.08-0.17	0.0-2.9	---	.17	---			
	27-31	---	---	---	---	0.2-0.6	---	---	---	---	---			
Other Soils	---	---	---	---	---	---	---	---	---	---	---	---	---	---
GuC:														
Gilpin	0-3	10-40	55-78	15-27	1.20-1.40	0.6-2	0.12-0.18	0.0-2.9	0.5-4.0	.32	---	3	---	---
	3-24	---	---	18-35	1.20-1.50	0.6-2	0.12-0.16	0.0-2.9	---	.24	---			
	24-31	---	---	15-35	1.20-1.50	0.6-2	0.08-0.12	0.0-2.9	---	.24	---			
	31-35	---	---	---	---	0.2-0.6	---	---	---	---	---			
Upshur	0-2	10-40	55-78	15-27	1.20-1.40	0.6-2	0.12-0.16	3.0-5.9	1.0-4.0	.43	---	3	6	---
	2-32	---	---	40-55	1.30-1.60	0.06-0.2	0.10-0.14	6.0-8.9	---	.32	---			
	32-43	---	---	27-45	1.30-1.60	0.06-0.2	0.08-0.12	3.0-5.9	---	.32	---			
	43-47	---	---	---	---	0.0000-0.2	---	---	---	---	---			
Other Soils	---	---	---	---	---	---	---	---	---	---	---	---	---	---

Table J1b. - Physical Properties of the Soils - Continued

Braxton County, West Virginia

Map Symbol bility and Soil Name bility	Depth Index	Sand	Silt	Clay	Moist Group Bulk	Permeability Erodi-	Available bility Water	Water Index Extensi-	Linear	Erosion Factors			Wind KwKf	Wind TErodi-
					Density	(Ksat)	Capacity	bility Pct	Matter	Kw	Kf	T	bility	Group
										Kw	Kf	T	bility	bility
	In	Pct	Pct	Pct	g/cc	In/Hr	In/In		Pct					
GuC:														
GuD:														
Gilpin	0-3	10-40	55-78	15-27	1.20-1.40	0.6-2	0.12-0.18	0.0-2.9	0.5-4.0	.32	---	3	---	---
	3-24	---	---	18-35	1.20-1.50	0.6-2	0.12-0.16	0.0-2.9	---	.24	---			
	24-31	---	---	15-35	1.20-1.50	0.6-2	0.08-0.12	0.0-2.9	---	.24	---			
	31-35	---	---	---	---	0.2-0.6	---	---	---	---	---			
Upshur	0-2	10-40	55-78	15-27	1.20-1.40	0.6-2	0.12-0.16	3.0-5.9	1.0-4.0	.43	---	3	6	---
	2-32	---	---	40-55	1.30-1.60	0.06-0.2	0.10-0.14	6.0-8.9	---	.32	---			
	32-43	---	---	27-45	1.30-1.60	0.06-0.2	0.08-0.12	3.0-5.9	---	.32	---			
	43-47	---	---	---	---	0.0000-0.2	---	---	---	---	---			
Other Soils	---	---	---	---	---	---	---	---	---	---	---	---	---	---
GuE:														
Gilpin	0-3	10-40	55-78	15-27	1.20-1.40	0.6-2	0.12-0.18	0.0-2.9	0.5-4.0	.32	---	3	---	---
	3-24	---	---	18-35	1.20-1.50	0.6-2	0.12-0.16	0.0-2.9	---	.24	---			
	24-31	---	---	15-35	1.20-1.50	0.6-2	0.08-0.12	0.0-2.9	---	.24	---			
	31-35	---	---	---	---	0.2-0.6	---	---	---	---	---			
Upshur	0-2	10-40	55-78	15-27	1.20-1.40	0.6-2	0.12-0.16	3.0-5.9	1.0-4.0	.43	---	3	6	---
	2-32	---	---	40-55	1.30-1.60	0.06-0.2	0.10-0.14	6.0-8.9	---	.32	---			
	32-43	---	---	27-45	1.30-1.60	0.06-0.2	0.08-0.12	3.0-5.9	---	.32	---			
	43-47	---	---	---	---	0.0000-0.2	---	---	---	---	---			
Other Soils	---	---	---	---	---	---	---	---	---	---	---	---	---	---
GuF:														
Gilpin	0-3	10-40	55-78	15-27	1.20-1.40	0.6-2	0.12-0.18	0.0-2.9	0.5-4.0	.32	---	3	---	---
	3-24	---	---	18-35	1.20-1.50	0.6-2	0.12-0.16	0.0-2.9	---	.24	---			
	24-31	---	---	15-35	1.20-1.50	0.6-2	0.08-0.12	0.0-2.9	---	.24	---			
	31-35	---	---	---	---	0.2-0.6	---	---	---	---	---			

Table J1b. - Physical Properties of the Soils - Continued

Braxton County, West Virginia

Map Symbol bility and Soil Name bility	Depth Index	Sand	Silt	Clay	Moist Group Bulk	Permeability Erodi-	Available bility Water	Water Index Extensi-	Linear	Erosion Factors			Wind KwKf	Wind TErodi-
					Density	(Ksat)	Capacity	bility Pct	Matter	Kw	Kf	T	bility	Group
										Kw	Kf	T	bility	bility
	In	Pct	Pct	Pct	g/cc	In/Hr	In/In		Pct					
GuF: Upshur	0-2	10-40	55-78	15-27	1.20-1.40	0.6-2	0.12-0.16	3.0-5.9	1.0-4.0	.43	---	3	6	---
	2-32	---	---	40-55	1.30-1.60	0.06-0.2	0.10-0.14	6.0-8.9	---	.32	---			
	32-43	---	---	27-45	1.30-1.60	0.06-0.2	0.08-0.12	3.0-5.9	---	.32	---			
	43-47	---	---	---	---	0.0000-0.2	---	---	---	---	---			
Other Soils	---	---	---	---	---	---	---	---	---	---	---	---	---	---
GxF: Gilpin	0-3	10-40	55-78	15-27	1.20-1.40	0.6-2	0.08-0.14	0.0-2.9	1.0-4.0	.24	---	3	---	---
	3-24	---	---	18-35	1.20-1.50	0.6-2	0.10-0.16	0.0-2.9	---	.24	---			
	24-31	---	---	15-35	1.20-1.50	0.6-2	0.06-0.10	0.0-2.9	---	.24	---			
	31-35	---	---	---	---	0.2-0.6	---	---	---	---	---			
Upshur	0-2	10-40	55-78	15-27	1.20-1.40	0.6-2	0.12-0.16	3.0-5.9	---	.37	---	3	---	---
	2-32	---	---	40-55	1.30-1.60	0.06-0.2	0.10-0.14	6.0-8.9	---	.32	---			
	32-43	---	---	27-45	1.30-1.60	0.06-0.2	0.08-0.12	3.0-5.9	---	.32	---			
	43-47	---	---	---	---	0.0000-0.2	---	---	---	---	---			
Other Soils	---	---	---	---	---	---	---	---	---	---	---	---	---	---
GZF: Gilpin	0-3	10-40	55-78	15-27	1.20-1.40	0.6-2	0.08-0.14	0.0-2.9	---	.24	---	3	---	---
	3-24	---	---	18-35	1.20-1.50	0.6-2	0.12-0.16	0.0-2.9	---	.24	---			
	24-31	---	---	15-35	1.20-1.50	0.6-2	0.08-0.12	0.0-2.9	---	.24	---			
	31-35	---	---	---	---	0.2-0.6	---	---	---	---	---			
Other Soils	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Pineville	0-10	25-50	30-48	15-25	1.00-1.30	0.6-2	0.12-0.18	0.0-2.9	0.5-5.0	.20	---	4	8	0
	10-52	---	---	18-30	1.30-1.60	0.6-2	0.08-0.14	0.0-2.9	---	.15	.17			
	52-65	---	---	15-30	1.30-1.60	0.6-6	0.06-0.14	0.0-2.9	---	.15	---			
Lo:														

Table J1b. - Physical Properties of the Soils - Continued

Braxton County, West Virginia

Map Symbol bility and Soil Name bility	Depth Index	Sand	Silt	Clay	Moist Group Bulk	Permeability Erodi-	Available bility Water	Water Index Extensi-	Linear	Erosion Factors			Wind KwKf	Wind TErodi-
					Density	(Ksat)	Capacity	bility Pct		Kw	Kf	T	bility	Group
	In	Pct	Pct	Pct	g/cc	In/Hr	In/In		Pct					
Lo: Lobdell	0-8	10-40	55-78	15-27	1.20-1.40	0.6-2	0.20-0.24	0.0-2.9	1.0-3.0	.37	---	5	5	---
	8-32	---	---	18-30	1.25-1.60	0.6-2	0.17-0.22	0.0-2.9	---	.37	---			
	32-65	---	---	15-30	1.20-1.60	0.6-6	0.12-0.18	0.0-2.9	---	.37	---			
Holly	---	---	---	---	---	---	---	---	---	---	---	---	---	---
M: Udorthents	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Unnamed Soil	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MgB: Monongahela	0-10	10-40	55-78	10-27	1.20-1.40	0.6-2	0.18-0.24	0.0-2.9	2.0-4.0	.43	---	3	5	---
	10-24	---	---	18-35	1.30-1.50	0.6-2	0.14-0.18	0.0-2.9	---	.43	---			
	24-58	---	---	18-35	1.30-1.60	0.06-0.6	0.08-0.12	0.0-2.9	---	.43	---			
	58-65	---	---	10-35	1.20-1.40	0.2-0.6	0.08-0.12	0.0-2.9	---	.37	---			
MyE: Myra	0-6	20-45	15-53	12-30	1.40-1.65	0.2-2	0.08-0.16	0.0-2.9	0.0-1.0	.32	---	5	---	---
	6-65	---	---	12-30	1.40-1.80	0.2-2	0.05-0.16	0.0-2.9	---	.32	---			
Wet Minesoil	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Po: Pope	0-5	43-85	0-50	5-15	1.20-1.40	2-6	0.10-0.16	0.0-2.9	1.0-4.0	.28	---	5	---	---
	5-40	---	---	5-18	1.30-1.60	0.6-6	0.10-0.18	0.0-2.9	---	.28	---			
	40-65	---	---	5-20	1.30-1.60	0.6-6	0.10-0.18	0.0-2.9	---	.28	---			
Holly	---	---	---	---	---	---	---	---	---	---	---	---	---	---
SoA:														

Table J1b. - Physical Properties of the Soils - Continued

Braxton County, West Virginia

Map Symbol bility and Soil Name bility	Depth Index	Sand	Silt	Clay	Moist Group Bulk	Permeability Erodi-	Available bility Water	Water Index Extensi-	Linear	Erosion Factors			Wind KwKf	Wind TErodi-
					Density	(Ksat)	Capacity	bility Pct	Matter	Kw	Kf	T	bility	Group
										Kw	Kf	T	bility	bility
	In	Pct	Pct	Pct	g/cc	In/Hr	In/In		Pct					
SoA: Sensabaugh	0-7	0-50	50-83	8-25	1.25-1.40	0.6-6	0.12-0.18	0.0-2.9	1.0-3.0	.24	---	5	---	---
	7-29	---	---	18-35	1.30-1.50	0.6-6	0.10-0.16	0.0-2.9	---	.20	---			
	29-65	---	---	12-38	1.25-1.50	0.6-6	0.08-0.14	0.0-2.9	---	.17	---			
Holly	---	---	---	---	---	---	---	---	---	---	---	---	---	---
SrB: Sensabaugh	0-7	0-50	50-83	8-25	1.25-1.40	0.6-6	0.12-0.18	0.0-2.9	1.0-3.0	.24	---	5	---	---
	7-29	---	---	18-35	1.30-1.50	0.6-6	0.10-0.16	0.0-2.9	---	.20	---			
	29-65	---	---	12-38	1.25-1.50	0.6-6	0.08-0.14	0.0-2.9	---	.17	---			
Holly	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Ud: Udorthents	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Unnamed Soil	---	---	---	---	---	---	---	---	---	---	---	---	---	---
VaC: Vandalia	0-6	0-50	50-83	20-35	1.20-1.50	0.2-2	0.12-0.18	3.0-5.9	1.0-3.0	.37	---	4	6	---
	6-52	---	---	35-50	1.30-1.60	0.06-0.6	0.12-0.15	6.0-8.9	---	.32	---			
	52-65	---	---	27-50	1.30-1.60	0.06-0.6	0.08-0.12	6.0-8.9	---	.32	---			
VaD: Vandalia	0-6	0-50	50-83	20-35	1.20-1.50	0.2-2	0.12-0.18	3.0-5.9	1.0-3.0	.37	---	4	6	---
	6-52	---	---	35-50	1.30-1.60	0.06-0.6	0.12-0.15	6.0-8.9	---	.32	---			
	52-65	---	---	27-50	1.30-1.60	0.06-0.6	0.08-0.12	6.0-8.9	---	.32	---			
VaE: Vandalia	0-6	0-50	50-83	20-35	1.20-1.50	0.2-2	0.12-0.18	3.0-5.9	1.0-3.0	.37	---	4	6	---
	6-52	---	---	35-50	1.30-1.60	0.06-0.6	0.12-0.15	6.0-8.9	---	.32	---			
	52-65	---	---	27-50	1.30-1.60	0.06-0.6	0.08-0.12	6.0-8.9	---	.32	---			

Table J1b. - Physical Properties of the Soils - Continued

Braxton County, West Virginia

Map Symbol bility and Soil Name bility	Depth Index	Sand	Silt	Clay	Moist Group Bulk	Permeability Erodi-	Available bility Water	Water Index Extensi-	Linear	Erosion Factors			Wind KwKf	Wind TErodi-
					Density	(Ksat)	Capacity	bility Pct	Matter	Kw	Kf	T	bility	Group
										Kw	Kf	T	bility	bility
VaE:	In	Pct	Pct	Pct	g/cc	In/Hr	In/In		Pct					
VxE: Vandalia	0-6	0-50	50-83	20-35	1.20-1.50	0.2-2	0.12-0.18	3.0-5.9	---	.32	---	4	---	---
	6-52	---	---	35-50	1.30-1.60	0.06-0.6	0.12-0.15	6.0-8.9	---	.32	---			
	52-65	---	---	27-50	1.30-1.60	0.06-0.6	0.08-0.12	6.0-8.9	---	.32	---			
W: Water	---	---	---	---	---	---	---	---	---	---	---	---	---	---
ZoB: Zoar	0-8	0-50	50-83	15-30	1.20-1.40	0.6-2	0.15-0.18	0.0-2.9	1.0-4.0	.43	---	3	---	---
	8-34	---	---	35-50	1.30-1.60	0.06-0.6	0.12-0.15	3.0-5.9	---	.32	---			
	34-65	---	---	35-50	1.40-1.70	0.06-0.2	0.08-0.12	3.0-5.9	---	.32	---			